



IMAGE TAKEN  
JULY 12, 2004  
TIME 17:16:39.2 -X

-70° -60° -50° -40° -30° -20° -10°

Y  
70°  
60°  
50°  
40°  
30°  
20°

CLOUD MOVEMENT DIFFERENCE = 3.66°  
3.66° x 106.5 = 389.79 km MOVEMENT  
389.79 x 1000 / 4841.2 SEC = 80.5 M/S

2

10° 20° 30° 40° 50° 60° 70°

X

CLOUD MOVEMENT DIFFERENCE = 2.26°  
VENUS Ø = 12,204 km AT CLOUD TOPS  
ONE DEGREE ON ANY GREAT CIRCLE =  
12204 km x Pi / 360 = 106.5 km  
2.26° x 106.5 = 240.69 km MOVEMENT  
240.69 x 1000 / 4841.2 SEC = 49.72 M/S

1

-20°  
-30°  
-40°  
-50°  
-60°  
-70°  
-Y

MICHAEL DAVISON  
31 OCTOBER 2010

IMAGE TAKEN  
JULY 12, 2004  
TIME 18:37:20.4  
DIFFERENCE 1:20:41.2  
OR 4841.2 SECONDS

